

Amendments to the Specification:

Please replace the paragraph beginning at page 10, line 25 with the following amended paragraph:

With reference to FIGS. 10A and 10B, a bundle or group of carbon nanotubes 42 is provided in the passages 34, which are adjacent to the portions of the sidewall 31 of each gate electrode 28 covered by layer 40. The carbon nanotubes 42 are hollow cylindrical tubes composed of arranged hexagonal rings of carbon atoms and, typically, are parameterized by a diameter of about 0.5 nm. to about 20 nm and a sidewall thickness ranging from about 5 nm to about 50 nm. The carbon nanotubes 42 are expected to have a distribution of heights or lengths each measured between a leading end or tip 43 and a trailing end or base 47 opposite to the leading tip 43 that is atop one of the nanotube synthesis areas 36. The length distribution of carbon nanotubes 42 may be characterized by an average length and a standard deviation. At least one of the carbon nanotubes 42 in each passage 34 projects vertically above the horizontal plane defined by the hardmask 20 covering each gate electrode 28.

Page 2 of 14
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